

1 control of the whole line during nighttime.
2 To avoid overheating of the H-shaped rail 4 during the fire(and, accordingly,
3 possible deformation), thermo-insulating sections 50 (made, e.g. of asbestos
4 materials) are mounted on the rail surface (at equal distances and without
5 affecting its contour).

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7 What is claimed is:

1 1. An elevator system attached to the outside of a building comprising
2 an elevator portion having a rail engaging portion for moving the elevator
3 portion vertically on a rail attached to a structure,
4 a crane portion attached to the elevator portion for positioning a platform
5 adjacent the structure,
6 the crane portion having a rotating mechanism and a pivoting mechanism for
7 supporting one end of an arm,
8 the arm comprises a telescopic arm for reaching any position on or above a
9 building.

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1 2. The telescopic arm consists of two parts interconnected with a pivoting
2 mechanism attached at its end to a cramp by a vertical rotating mechanism.

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1 3. The cramp is pivoted to an outside platform supplied with a barrier.

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1 4. A cabin capable to make a full rotation around it vertical axis is hanged
2 onto the outside platform.

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1 5. The elevator portion is provided with a passenger compartment with sliding
2 doors, and a vertical aperture with a staircase, consisting of two parts – on
3 elevator portion and on autonomous rescue elevator, - leading to an
4 autonomous rescue elevator.

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1 6. Elastic elements are provided on lower contact surfaces of the elevator
2 portion and on the autonomous rescue elevator supplied with supporting
3 elements.

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1 7. The elevator portion and the autonomous rescue elevator are provided
2 with compartments for keeping anti-fire foam, liquids, hoses and other auxiliary
3 equipment for constant additional fuelling and liquids supply.

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1 8. The passenger compartment is supplied with an additional control panel.

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1 9. Working surfaces of an H-shaped rail are supplied with guiding slots.